ELSEVIER

Behavioural Processes 35 (1996) 327–328

BEHAVIOURAL PROCESSES

Contents of Volume 35

J. Gervet, J.M. Lassalle, M. Vancassel and J. Vauclair (France)
Introduction 1

J.M. Lassalle (France)
Neurogenetic basis of cognition: Facts and hypotheses 5

H.-P. Lipp (Switzerland)
Genetic variability, individuality and the evolution of the mammalian brain 19

M. Cobb and J.-F. Ferveur (France)
Evolution and genetic control of mate recognition and stimulation in *Drosophila* 35

G. Beugnon, I. Pastergue-Ruiz, B. Schatz and J.-P. Lachaud (France)
Cognitive approach of spatial and temporal information processing in insects 55

C. Masson and C. Linster (France)
Towards a cognitive understanding of odor discrimination: Combining experimental and theoretical approaches 63

M. Hausberger and H. Cousillas (France)
Categorization in birdsong: from behavioural to neuronal responses 83

M. Dubois, K. Khazraïe, C. Guilhem, M.-L. Maublanc and Y. Le Pendu (France)
Philopatry in mouflon rams during the rutting season: Psycho-ethological determinism and functional consequences 93

R. Chalmeau and A. Gallo (France)
Cooperation in primates: Critical analysis of behavioural criteria 101

S. Benhamou and B. Poucet (France)
A comparative analysis of spatial memory processes 113

B. Thierry, G. Theraulaz, J.Y. Gautier and B. Stiegler (France)
Joint memory 127

M. Vancassel, J.-F. Gerard and Z.-B. Liu (France, People's Republic of China)
Perception and learning in evolution 141

R.K.R. Thompson and D.L. Oden (USA)
A profound disparity revisited: Perception and judgment of abstract identity relations by chimpanzees, human infants, and monkeys 149

L. Lefebvre (Canada)
Ecological correlates of social learning: problems and solutions for the comparative method 163

A.J. Tierney (USA)
Evolutionary implications of neural circuit structure and function 173

D. Wahlsten (Canada)
Evaluating genetic models of cognitive evolution and behaviour 183

F.J. Odling-Smee (UK)
Niche construction, genetic evolution and cultural change 195

H.C. Plotkin (UK)
Non-genetic transmission of information: Candidate cognitive processes and the evolution of culture 207

C.G. Beer (USA)
Trial and error in the evolution of cognition . 215

M. Bekoff (USA)
Cognitive ethology, vigilance, information gathering, and representation: Who might know what and why? 225

F. Toates (UK)
Cognition and evolution – an organization of action perspective 239

C. Lenay (France)
Mental symbols and genetic symbols: Analogies between theoretical perspectives in biology and cognitive science 251

P. Gärdenfors (Sweden)
Cued and detached representations in animal cognition 263

J. Proust (France)
Intentionality and evolution 275

G. Van de Vijver (Belgium)
The relation between causality and explanation in emergentist naturalistic theories of cognition 287

J.-M. Vidal, M. Vancassel and R. Quris (France)
Introducing anthropomorphism, discontinuities and anecdotes to question them 299

J. Stewart (France)
Cognition = life: Implications for higher-level cognition 311

Contents of Volume 35 327

Author Index 329

Subject Index 331